

## ABSTRACT

A process for selective removal of a nickel alloy brazing composition from a nickel-base alloy component includes the steps of providing a brazed assembly including nickel-base alloy components joined by nickel alloy brazing composition; immersing the assembly in an electrolyte; and applying a potential across the electrolyte at a magnitude wherein the nickel-base alloy components are electrochemically passive and the nickel alloy brazing composition dissolves whereby the brazing composition is removed from the components.